



LEGEND

1991 IFIM Surveys

1991 Water Surface

1997 2-foot contour mapping

August 2002 Survey

2002 Water Surface

CONTROL POINT DATA

I-26 -- not found

I-25 (2x2 hub)

Northing: 2296543.311

Easting: 6676056.754

Elevation: 122.55'

Oroville Gage:

7/14/92: 1010cfs

10/8/02: 637 cfs

Gridley Gage:

7/14/92: 2890cfs

10/8/02: 2724cfs

TRANSECT DATA

Length (2002): 1427.80"

Length (1991): 392.95'

Azimuth: 22°3'25"

Azimuth: 22°3'25"

Notes:

1) Land surveys, depth soundings, and velocities for the 1992 IFIM surveys were conducted on July 14, 1992.

2) Assumed elevations for the control points were converted to actual elevations by a leveling survey performed by DWR-Land and Right-of-Way in June 1996.

33) The 1997 cross-section was generated from 2-foot contour topographic mapping from the U.S. Army Corps of Engineers (COE) Comprehensive Study. The actual cross-section was generated using Land Developer and AutoCad software.

4) The 2002 cross-section was surveyed in June 2002. Coordinates for the IFIM control points were generated using a RTK GPS survey with a Trimble backpack 4700 receiver. Distances and elevations were measured along section with conventional total station surveying equipment.

5) Elevations are referenced to the National Geodetic Vertical Datum of 1929 (NGVD29).

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

**Oroville Facilities Relicensing
FERC Project No. 2100**

SP-G2 -- Task 3

Appendix C -- Plate 10

Channel Changes -- 1992 - 2002

Robinson Rifle -- Transect 3

RM 61.30

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Filename
Cross

